

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-015094**Date Inspected:** 11-Jun-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Wu shi gao/ Xu tao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

FCAW welding of weld joint 2G-006 located on PCMK BK004A1-012 the welder is identified as 062765. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-Tc-U4c-F.

FCAW welding of weld joint 1G-008 located on PCMK BK004A1-008 the welder is identified as 062765. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-B-U2-F.

FCAW welding of weld joint 2F-041 located on PCMK BK004A8-011 the welder is identified as 062788. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of repair weld joint 2G-008 located on PCMK BK004A1-011 the welder is identified as 062755. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-B-U4c-F.

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

BAY#16

SAW welding of weld joint 1G-003 located on PCMK BP3074-001 of Segment 13AW welder is identified as 045265. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-U3c-S-2.

SAW welding of weld joint 1G-004 located on PCMK BP3073-001 of Segment 13AW welder is identified as 045265. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-U3c-S-2.

OUTSIDE SHOP

11AE

SMAW welding of repair weld joint 2G-004 located on PCMK CA082 of Segment 11AE welder is identified as 044772. ZPMC QC is identified as Mr. Zhong gong yang . The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2G (2F)-FCM-Repair-1 and approved B-CWR1598.

SMAW welding of repair weld joint 2G-004 located on PCMK CA081 of Segment 11AE welder is identified as 066258. ZPMC QC is identified as Mr. Zhong gong yang . The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2G(2F)-FCM-Repair-1 and approved B-CWR1599.

11BW

SMAW welding of repair weld joint 2G-004 located on PCMK CA083 of Segment 11BW welder is identified as 201087. ZPMC QC is identified as Mr. Tang ya jun . The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2G(2F)-FCM-Repair-1 and approved B-CWR1616.

12AW

FCAW welding of weld joint 1G-220 located on PCMK SEG3004J the welder is identified as 201215. ZPMC QC is identified as Mr. Wu shi gao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4c-F.

SMAW welding of weld joint 4F-018 located on PCMK SEG3004R the welder is identified as 066361. ZPMC QC is identified as Mr. Wu shi gao. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

11DW

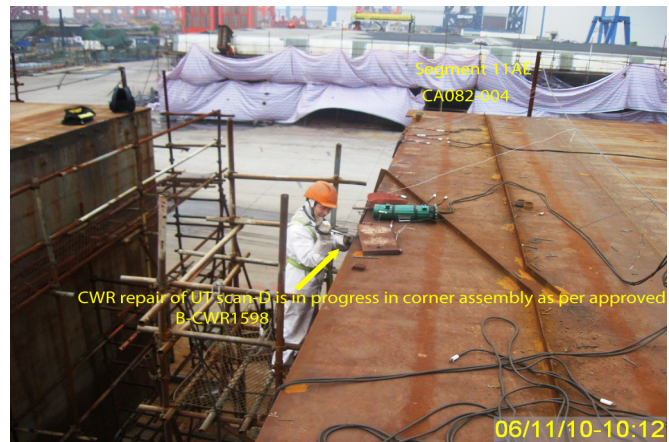
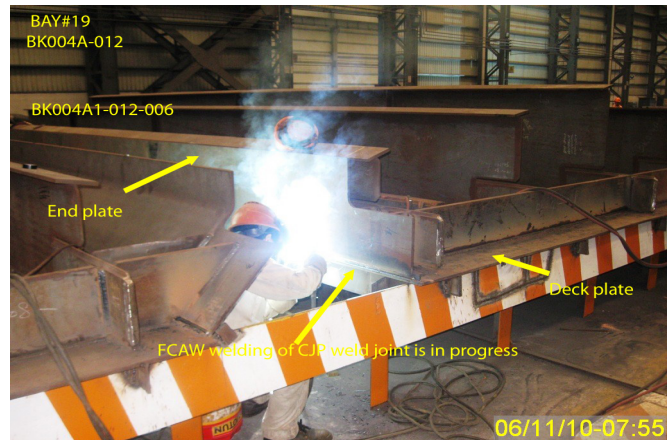
SMAW welding of weld joint 3F-212 located on PCMK SSD11A-PP105 the welder is identified as 066326. ZPMC QC is identified as Mr. Wu shi gao. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

documents.



Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By: Kumar,Chadra

Quality Assurance Inspector

Reviewed By: McClendon,Timothy

QA Reviewer